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| Supplementary Table for Figure 7b. Average Fold Change on Culture Day 4 in tert-Butyl hydroperoxide treated mESC1 |
| Trt | K0143 | T | Gsc | Pou5f1 | Nanog | Ttr | Bmp4 | Gata4 | Myh7 | Abcg2 |
| TBHP 100 µM | 0 µM | -1.27±0.17 | -1.58±0.16 | 0.37±1.20 | -1.12±0.13 | -0.46±1.86 | 0.38±1.26 | -0.41±1.43 | 0.52±1.47 | -1.12±0.04 |
| TBHP 200 µM | 0 µM | -2.14±0.49 | -2.95±0.76 | -1.22±0.18 | -1.60±0.13 | -1.71±3.11 | -1.13±0.10 | -1.44±0.15 | 0.73±1.67 | -1.37±0.12 |
| TBHP 400 µM | 0 µM | -4.48±1.37 | -7.40±4.84 | -2.08±0.18 | -3.68±0.82 | -3.40±1.45 | 0.30±1.35 | -1.12±0.07 | 1.64±0.24 | -1.95±0.13 |
| Paraquat 1 µM  | 0 µM | -1.44±0.07 | -1.82±0.11 | 1.32±0.14 | 0.35±1.28 | 0.41±1.70 | -0.33±1.18 | 0.44±1.30 | 1.21±0.06 | 0.30±1.26 |
| Paraquat 10 µM | 0 µM | -2.07±0.21 | -2.08±0.29 | 1.20±0.11 | -1.11±0.04 | -0.28±2.57 | -1.08±0.06 | 1.17±0.10 | 1.33±0.29 | -1.16±0.02 |
| Paraquat 100 µM | 0 µM | -8.89±4.28 | -7.71±4.06 | -1.51±0.18 | -3.64±1.36 | -4.75±1.83 | -1.22±0.08 | 0.31±1.24 | 2.36±0.28 | -2.24±0.28 |
|  |  |  |  |  |  |  |  |  |  |  |
| TBHP 100 µM | 1 µM | -1.47±0.13 | -0.74±1.52 | 1.08±0.09 | -0.45±1.26 | -0.31±2.58 | 0.34±1.25 | -0.49±1.63 | 1.37±0.33 | -1.18±0.03 |
| TBHP 200 µM | 1 µM | -2.04±0.72 | -2.50±0.37 | -1.22±0.25 | -1.50±0.48 | -2.38±0.99 | -0.40±1.33 | -1.25±0.23 | 1.19±0.24 | -1.34±0.15 |
| TBHP 400 µM | 1 µM | -3.26±1.56 | -3.10±1.88 | -1.68±0.35 | -2.70±0.42 | -6.52±11.19 | -0.36±1.24 | -0.46±1.67 | 1.53±0.03 | -1.72±0.14 |
| Paraquat 1 µM  | 1 µM | -1.66±0.17 | -1.82±0.31 | 1.07±0.08 | -1.08±0.03 | -0.22±1.70 | -0.33±1.24 | 1.20±0.21 | 1.23±0.17 | -1.14±0.08 |
| Paraquat 10 µM | 1 µM | -2.48±0.52 | -2.65±1.02 | 0.39±1.22 | -1.20±0.08 | 0.18±1.57 | -0.45±1.26 | 0.35±1.32 | -0.30±1.39 | -1.25±0.16 |
| Paraquat 100 µM | 1 µM | -7.06±2.42 | -4.71±1.62 | -1.70±0.39 | -3.48±1.05 | -4.18±0.95 | -1.50±0.08 | 0.41±1.35 | 2.47±0.59 | -2.47±0.53 |

1Values = mean±SD